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Edwin L. Bierman, M.D., Editor
Arteriosclerosis: A Journal of Vascular Biology and Disease
1107 N.E. 45th Street, Room 316
Seattle, Washington 98105
Telephone: (206) 545-1609

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Arteriosclerosis

AN OFFICIAL JOURNAL OF THE AMERICAN HEART ASSOCIATION

ARTERIOSCLEROSIS provides a forum for the publication of basic research on the biology, prevention and impact of vascular diseases related to arteriosclerosis from a variety of disciplines including biochemistry, biophysics, cell and molecular biology, genetics, nutrition, metabolism, and pathology.

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Arteriosclerosis

A Journal of Vascular Biology and Disease

Scope and Purpose

Arteriosclerosis provides a forum for the publication of high quality research from a variety of disciplines bearing on the biology, prevention, and impact of vascular diseases relating to arteriosclerosis. The following are the major research areas and topics from which manuscripts and state of the art reviews are drawn. This list is not meant to be all-inclusive, but is intended as a guide for the submission and selection of manuscripts for publication.

- Studies of the biology and pathology of vascular lesions related to arteriosclerosis, including the disciplines of biochemistry, biophysics, cell and molecular biology, genetics, and metabolism.
- Studies of platelets and thrombogenesis as they relate to arteriosclerosis.
- Aspects of lipid and lipoprotein metabolism and transport related to vascular biology and disease.
- Studies of the metabolism of other formed blood elements and plasma constituents as they relate to vascular biology and disease.
- Connective tissue biochemistry and metabolism related to vascular biology and arteriosclerosis.
- Epidemiologic, population, and genetic studies of arteriosclerosis, including studies of the interplay of risk factors (e.g., diabetes, nutritional factors, hyperlipidemia, and hypertension).
- Studies of arteriosclerosis and its precursors in the young.
- Animal models of arteriosclerosis.
- Research on the detection and quantification of arterial lesions in vivo in humans and animals.
- Evaluation of the effects of prevention and treatment affecting, for example, plasma lipoproteins, thrombogenesis, and/or intimal injury on the established lesions of arteriosclerosis.

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